→ Mr. Dantzman (I am working with E15)

21730 (25)

SEARCH REQUEST FORM

CM1 (4E18)

Requestor's Name: SUDHAKER PATE

Serial Number: 09/272 916

Date: Nov. 8, 1999   Phone: 3084709   Art Unit: 1611

Search Topic:

ASAP please.

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevent citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevent claim(s).
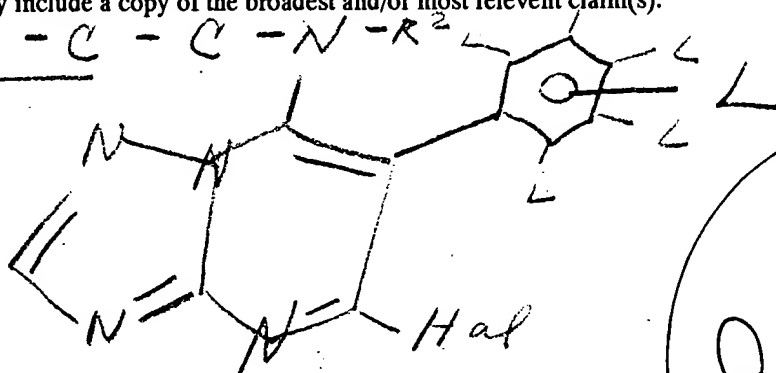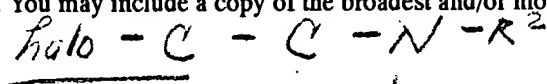
$halo - C - C - N - R^2$

RUSH

$R^2 = H, C(R/C)$

$H, halo,$

$L = NO_2$ or C_1-C_{12} alkoxy
(at least one L is the above)
See Claim 1 for remaining L's
if needed.

Hal = any halo, THx
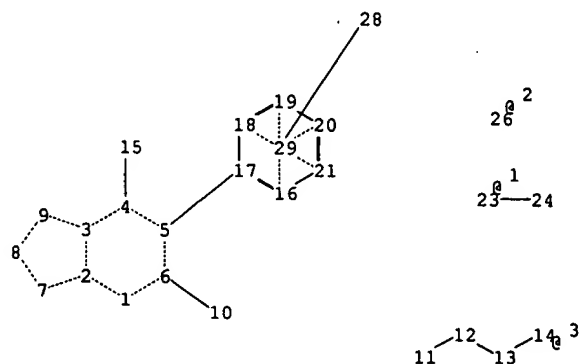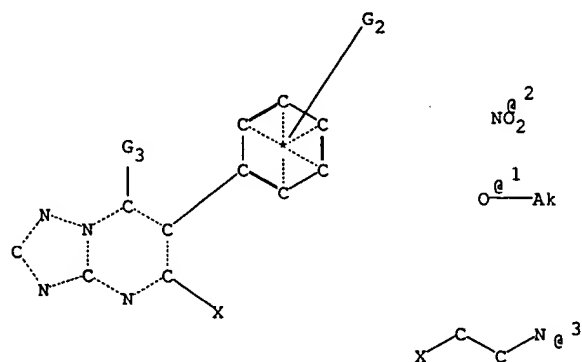
chain nodes :
    10   11   12   13   14   15   23   24   26   28
ring nodes :
     1   2   3   4   5   6   7   8   9   16   17   18   19   20   21
chain bonds :
    4-15   5-17   6-10   11-12   12-13   13-14   23-24
ring bonds :
    1-2   1-6   2-3   2-7   3-4   3-9   4-5   5-6   7-8   8-9   16-17   16-21   17-18
    18-19   19-20   20-21
exact/norm bonds :
    1-2   1-6   2-3   2-7   3-4   3-9   4-5   5-6   7-8   8-9   23-24
exact bonds :
    4-15   5-17   6-10   11-12   12-13   13-14
normalized bonds :
    16-17   16-21   17-18   18-19   19-20   20-21
isolated ring systems :
    containing 1 : 16 :

G2:[*1],[*2]

G3:X,[*3]

Connectivity :
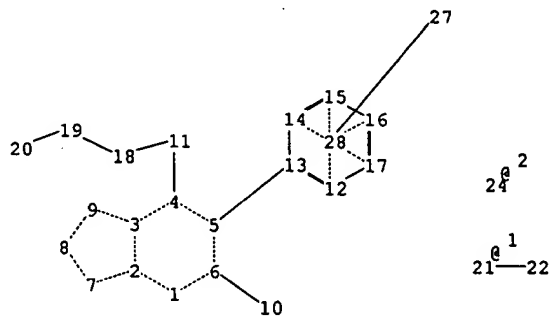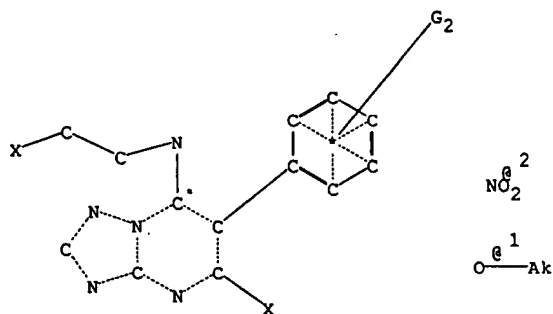   23:2ERC
Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom
    10:CLASS   11:CLASS   12:CLASS   13:CLASS   14:CLASS   15:CLASS   16:Atom
    17:Atom

18:Atom   19:Atom   20:Atom   21:Atom   23:CLASS   24:CLASS   26:CLASS
28:CLASS   29:CLASS

chain nodes :
    10   11   18   19   20   21   22   24   27
ring nodes :
    1   2   3   4   5   6   7   8   9   12   13   14   15   16   17
chain bonds :
    4-11   5-13   6-10   11-18   18-19   19-20   21-22
ring bonds :
    1-2   1-6   2-3   2-7   3-4   3-9   4-5   5-6   7-8   8-9   12-13   12-17   13-14
    14-15   15-16   16-17
exact/norm bonds :
    1-2   1-6   2-3   2-7   3-4   3-9   4-5   4-11   5-6   7-8   8-9   21-22
exact bonds :
    5-13   6-10   11-18   18-19   19-20
normalized bonds :
    12-13   12-17   13-14   14-15   15-16   16-17

G2:[*1],[*2]

Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom
    10:CLASS   11:CLASS   12:Atom   13:Atom   14:Atom   15:Atom   16:Atom   17:Atom
    18:CLASS   19:CLASS   20:CLASS   21:CLASS   22:CLASS   24:CLASS   27:CLASS
    28:CLASS